U. S. Department of Agriculture
Forest Service
Southeastern Area
State & Private Forestry

FOREST PEST MANAGEMENT

Report No. 82-3-44

Issued: 9/10/82

AERIAL DETECTION SURVEY OF FOREST INSECT AND DISEASE ACTIVITY, SAM HOUSTON NATIONAL FOREST, TEXAS

LAND OWNERSHIP OR SURVEY AREA: Sam Houston National Forest, Raven Ranger District

STATE: Texas

AREA WITHIN SURVEY BOUNDARY: 250,000 acres

DATE: Sept. 2, 1982

PERCENT COVERAGE: 50%

AIRCRAFT: Cessna 182

CREW: R. Bassett, FPM; Craig Wheeler, Raven Ranger District

SURVEY OBJECTIVES

The objective of this survey was to determine if southern pine beetle activity had changed since the last aerial survey (July 14, 1982).

SURVEY RESULTS

The aerial survey showed that beetle damage was somewhat heavier now than it was earlier this summer, see Table I and 2.

CONCLUSIONS

District personnel should continue salvage operations.

For additional information, contact:

USDA Forest Service FPM
3620 Interstate 85, N.E.
Northgate Office Park, Room 2103
Doraville, GA 30340
Telephone: 404/221-4796

or

USDA Forest Service FPM
2500 Shreveport Hwy.
Pineville, LA 71360
Telephone: 318/473-7280

Table I - Summary of Aerial Survey Data, Sam Houston National Forest, Raven Ranger District, July 14, 1982

Ownership: Federal	Infestation Size (# Trees)									
	3 - 5		6 - 20		21 - 50		50+		Total	
	Spots	Trees	Spots	Trees	Spots	Trees	Spots	Trees	Spots	Trees
Raven RD	7	29	5	75	0	0	0	0	12	104

Table 2 - Summary of Aerial Survey Data, Sam Houston National Forest, Raven Ranger District, Sept. 2, 1982

Ownership: Federal	Infestation Size (# Trees)									
	3 - 5		6 - 20		21 - 50		50+		Total	
	Spots	Trees	Spots	Trees	Spots	Trees	Spots	Trees	Spots	Trees
Raven RD	3	13	8	121	1	50	1	75	13	259